### INTERNATIONAL SEARCH REPORT

PCT/US2004/036957

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K39/395 A61P37/06 A61P29/00
//C07K16/28

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  $IPC\ 7 \quad C07K \quad A61K$ 

Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ, Sequence Search

| Category °  | Citation of document, with indication, where appropriate, of  | Relevant to claim No.  |   |  |  |
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| X Furt  | her documents are listed in the continuation of box C.  | Patent family members are listed   | in annex.   |  |  |
| 'A* docume  | stegories of cited documents :<br>ent defining the general state of the art which is not<br>dered to be of particular relevance   | "T" later document published after the inte<br>or priority date and not in conflict with<br>cited to understand the principle or th<br>invention   | the application but   |  |  |
| filing of<br>"L" docume<br>which  | document but published on or after the International late ant which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or | "X" document of particular relevance; the cannot be considered novel or canno involve an inventive step when the dot "Y" document of particular relevance; the cannot be considered to involve an independing with one or me | t be considered to<br>cument is taken alone<br>claimed invention<br>ventive step when the   |  |  |
|   | means   | ments, such combination being obvio<br>in the art.   | document is combined with one or more other such docu-<br>ments, such combination being obvious to a person skilled<br>in the art.  *8* document member of the same patent family |  |  |
| O" docum<br>other   | ent published prior to the international filing date but<br>han the priority date claimed   | •  |   |  |  |
| O" document other in the country of |   | Date of mailing of the international sea   | irch report   |  |  |
| 'O" docum<br>other other<br>'P" docum<br>later ti<br>Date of the  | han the priority date claimed   | Date of mailing of the international sea 20/06/2005  Authorized officer  | nch report  |  |  |

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PCT/US2004/036957

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| Box | No. I      | Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)   |
|-----|------------|--|
| 1.  | With regar | rd to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the daimed the international search was carried out on the basis of:   |
|     | a. type    | of material  |
|     | X          | a sequence listing   |
|     |            | table(s) related to the sequence listing   |
|     | b. form    | at of material   |
|     | х          | in written format  |
|     | X          | in computer readable form  |
|     | c. time    | of filing/furnishing   |
|     | X          | contained in the international application as filed  |
|     | х          | filed together with the international application in computer readable form  |
|     |            | furnished subsequently to this Authority for the purpose of search   |
| 2.  | or         | addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed furnished, the required statements that the information in the subsequent or additional copies is identical to that in the oplication as filed or does not go beyond the application as filed, as appropriate, were furnished. |
| 3.  | Additional | comments:  |
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| Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)   |
|--|
| This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:   |
| 1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:   |
| Although claims 1-19 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.   |
| Claims Nos.:     because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: |
| 3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).  |
| Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)   |
| This International Searching Authority found multiple inventions in this international application, as follows:  .   |
| As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.   |
| As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.   |
| 3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:                        |
| 4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:            |
| Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.  |

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PCT/US2004/036957

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